BIGHORN CANYON NATIONAL RECREATION AREA
PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Bighorn Canyon National Recreation Area. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

North District

1. An inductive loop traffic counter is located on the entrance lane of Ok-A-Beh road. The traffic count is reduced for nonrecreation vehicles and nonreportable vehicles (see Table 1). The reduced traffic count is multiplied by the person-per-vehicle (PPV) multiplier of 2.7.

2. An inductive loop traffic counter is located on the entrance lane of Afterbay road. The traffic count is multiplied by 0.55 to reduced for duplicate reporting. The reduced traffic count is multiplied by the PPV multiplier of 2.7.

3. An inductive loop traffic counter is located on the entrance lane of Three Mile Ranch road. The traffic count is multiplied by 0.33 to reduced for duplicate reporting. The reduced traffic count is multiplied by the PPV multiplier of 2.7.

4. The number of swimmers.

5. The number of tent, recreation vehicle and backcountry campers.

6. The number of visits to the Bighorn Canyon Visitor Center.

7. The number of picnickers.

8. The number of bank fishermen.

9. The number of visitors to the visitor center, picnickers, and bank fishermen are multiplied by 0.18 to estimate visitors that were not counted.

South District

10. An inductive loop traffic counter is located on the entrance lane of south entrance. The traffic count is reduced for nonrecreation vehicles and nonreportable vehicles (see Table 1). The reduced traffic count is multiplied by the PPV multiplier of 2.7.

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11. An inductive loop traffic counter is located on the entrance lane at Mason-Lovely Ranch. The traffic count is multiplied by the PPV multiplier of 2.7.

12. An inductive loop traffic counter is located on the entrance lane of the Habitat area. The traffic count is multiplied by 0.5 to reduced for duplicate reporting. The reduced traffic count is multiplied by the PPV multiplier of 2.7.

Table 1
Nonreportable and Nonrecreation Vehicles by District and by Month

	North District		South District	
	Nonrecreation Vehicles	Nonreportable Vehicles	Nonrecreation Vehicles	Nonreportable Vehicles
January	120	80	30	90
February	120	80	30	90
March	180	220	100	80
April	290	110	150	140
May	400	250	150	250
June	450	200	200	250
July	450	200	200	250
August	450	200	200	250
September	450	200	200	250
October	290	110	150	140
November	120	80	30	90
December	120	80	30	90

Nonrecreation Visits

1. Nonrecreation vehicles entering the south district are estimated by month in Table 1. The vehicle count is multiplied by the PPV multiplier of 1.5.

2. Nonrecreation vehicles entering the north district are estimated by month in Table 1. The vehicle count is multiplied by the PPV multiplier of 1.5.

Recreation Visitor Hours

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Recreation visitor hours are the sum of the subtotals of each of the categories listed in Table 2. Each subtotal is the result of multiplying the number of visitors associated with that category by its length-of-stay multiplier.

Table 2

AVERAGE LENGTH-OF-STAY MULTIPLIERS BY CATEGORY

CATEGORY	AVERAGE LENGTH-OF-STAY
VEHICULAR RECREATION VISITS (NORTH DISTRICT)	2.7 HOURS
VEHICULAR RECREATION VISITS (SOUTH DISTRICT)	4.2 HOURS
OVERNIGHT STAYS (NORTH DISTRICT)	23.7 HOURS
OVERNIGHT STAYS (SOUTH DISTRICT)	22.8 HOURS

Nonrecreation Visitor Hours

The number of nonrecreation visits to both districts is multiplied by 0.5 hours.

Overnight Stays

NPS Campgrounds - Both Districts

The number of tent site occupied is multiplied by the PPV multiplier of 2.7.

The number of RV sites occupied is multiplied by the PPV multiplier of 2.7.

NPS Backcountry - Both Districts

The number of backcountry overnight stays as determined from permits.

NPS Miscellaneous - Both Districts

The number of overnight stays as determined by a count of boaters staying overnight.

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